

<110> Hansen, J. Norman

<120> Construction of a Strain of *Bacillus subtilis* 168 that Displays the Sublancin Lantibiotic on the Surface of the Cell

<130> 108172-00057

<150> 60/215,449

<151> 2000-06-29

<160> 3

<170> PatentIn version 3.1

<210> 1

<211> 2517

<212> DNA

<213> Artificial Sequence

<220>

<223> The EcoRI-HindIII insert of the pLPVc integrative plasmid.

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<223> The sequence of sunA-PG20-SL gene and corresponding peptide sequence.

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aaa ggt agt gga tta gga aaa gct cag tgt gct gcg ttg tgg cta caa 96
Lys Gly Ser Gly Leu Gly Lys Ala Gln Cys Ala Ala Leu Trp Leu Gln
20 25 30

tgt gct agt ggc ggt aca att ggt tgt ggt ggc ggc gcc gtt gct tgt 144
Cys Ala Ser Gly Gly Thr Ile Gly Cys Gly Gly Ala Val Ala Cys
35 40 45

caa aac tat cgt caa ttc tgt aga ggt ggt ggt ggg gga ggc ggg gga 192
Gln Asn Tyr Arg Gln Phe Cys Arg Gly Gly Gly Gly Gly Gly
50 55 60

ggg ggt ggt gga gga ggt ggt ggt ggt ggt atg tca aag ttc 240
Gly Gly Gly Gly Gly Gly Gly Gly Gly Met Ser Lys Phe
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gat gat ttc gat cta gat gtt gtg aaa gtc tct aaa caa gac tca aaa 288
Asp Asp Phe Asp Leu Asp Val Val Lys Val Ser Lys Gln Asp Ser Lys
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DRAFT DDBJ/EMBL/NCBI

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Cys Ala Ser Gly Gly Thr Ile Gly Cys Gly Gly Ala Val Ala Cys
35 40 45

Gln Asn Tyr Arg Gln Phe Cys Arg Gly Gly Gly Gly Gly Gly
50 55 60

Gly Gly Gly Gly Gly Gly Gly Gly Gly Met Ser Lys Phe
65 70 75 80

Asp Asp Phe Asp Leu Asp Val Val Lys Val Ser Lys Gln Asp Ser Lys

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90

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Ile Thr Pro Gln

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